

# Maher Athar Ilyas

Undergraduate Computer Science Student

Full-Stack Web Developer

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## EDUCATION

**B.Sc. Computer Engineering** - Bilkent University, Ankara, Turkey

*Expected Graduation - 2024*

*CGPA 3.70*

- High Honor International Student with Full Merit Scholarship.
- Relevant Courses:** Algorithms and Programming I & II (Java) , Fundamental Structures of Computer Science I & II (C++), Linear Algebra Probability and statistics, Computer Organization (MIPS Assembly), Calculus I & II , Database Systems & Programming Languages.

## WORK EXPERIENCE

**Full-Stack Developer - Part-Time**

*June 2022 - present*

LAYERMARK

*Ankara, Turkey*

- Improved user experience by designing dynamic UI for an asset management system using ANT Design components in React.js
- Created optimized back-end services for multiple API collections with cache management and custom business logic using Java Spring.
- Enhanced code readability and maintainability by implementing SOLID practices and creating custom reusable components.

**Automation Expert for Binance, Kucoin, Telegram and Discord - Freelancing**

*Sep 2021 - present*

Fiverr & Upwork

*Online / Remote*

- Designed and deployed 60+ cryptocurrency trading-bots for 35+ clients as commercial or personal desktop applications.
- API integration and webscraping of Binance, Kucoin, Discord, CoinMarketCap and CoinMarketCal and Telegram.
- Accomplished Level 1 seller status within the opening month of service and maintained a 5/5 customer review score.

**Graphic Designer and Social Media Manager - Part-Time**

*Jan 2018 - Aug 2020*

AL-HUDA Educational Institute

*Lahore, Pakistan*

- Illustrated 72 workbooks & school magazines for primary classes on CorelDraw.
- Planned and launched social media marketing campaign, obtaining 2.1k+ followers on Facebook and 10k+ Subscribers on YouTube.

## PROJECTS

**BilCargo - React.js, ANT Design, CSS, Spring Boot, MySQL, REST APIs, Postman**

A web-based logistics management system for a courier delivery company. Application provided CRUD operations, filter/search and report generation functionality. The database was based on a BCNF-normalized ER model with custom data access privileges. ([GitHub](#))

**Habinet : Social Media of Productivity - Java, JDBC, MySQL, Swing, Database Management**

A gamified habit tracking desktop application with integrated social media features such as groups, group chat, leaderboards, past trends & habits visualizing graphs and to-do list, implemented with a server hosted database. ([GitHub](#))

**Personal Website - HTML, CSS, Bootstrap, JavaScript, jQuery, PHP, Git, Github Pages**

An online mobile-friendly and responsive resume website, styled and animated using CSS, Bootstrap and Javascript with a contact me form implemented using PHP. The website is hosted on Github Pages and updated using Git. ([atherrrrr.github.io](#))

**Smart-Music Player App for Android - Java, XML, Android Studio**

An android application with an animated UI design using XML and Java that plays .mp3 music files and groups music files using the user's past preferences to play later using the user's current mood selections.

**Simplified 32-bit Programmable Processor - SystemVerilog, Vivado, MIPS Assembly**

A five instruction processor implemented for Basys-3 FPGA board using simplified datapath and controller.

## TECHNICAL SKILLS

**Front-end:** React.js, ANT Design, DevExtreme, CSS, HTML, Bootstrap, XML, JSON, jQuery, Node.js & REST API

**Back-end:** Spring Boot, Java, Python, C++, PostgreSQL, MySQL, PHP, Docker, Dools, Postman and Assembly.

**Other Technologies:** Git, GitHub, GitLab, Android Studio, CorelDraw, Adobe Premiere Pro, Google Analytics & Facebook Ads.

## LEADERSHIP & AWARDS

Vice-President Bilkent United- Sports Lovers Society - **Bilkent University**

*Aug 2022 - Jan 2023*

2nd Runner-up in Business simulation, out of 700+ participants - **BusinessPoint'22 (Pepsico, P&G, EY, Armut and Audi)**

*19-20 March 2022*

Cambridge Outstanding Learners Award for Regional Distinction in Computer Science Exam (O-Level) - **British Council**

*Jan 2020*